K. Basawaraj et al.

Y0999-331(P30)(8728-310)

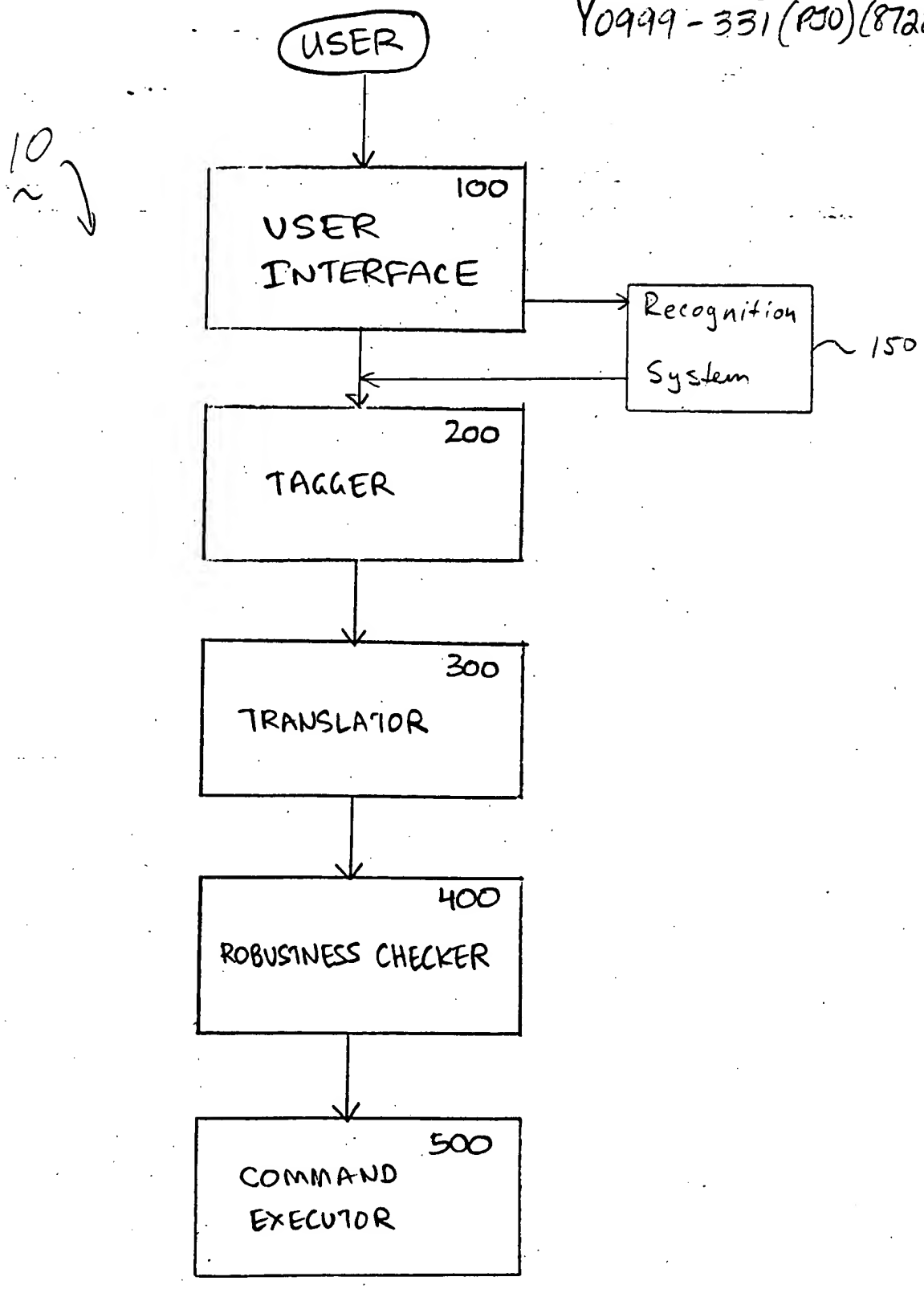

FIG. 1

```
Sentence #408   Correct 0.846709646214

DEC: close_folder( name[redacted]ssage log" )
COR: close_folder( name="message log" ).

TDEC: [CLOSE close CLOSE] the [FNAME message log FNAME] [FOLDER folder FOLDER]
TCOR: [CLOSE close CLOSE] the [FNAME message log FNAME] [FOLDER folder FOLDER]
 Complete match

1. CLOSE the FNAME FOLDER (Tagging score: 0.873911)
   1    0.96887374      close_folder( name=FNAME )
   2    0.011986108     close_folder( folder=current )
   3    0.005749428     close_object( object=current )
   4    0.0053696297    open_folder( name=FNAME )
   5    0.0033040044    close_window( window=current )
2. CLOSE the MSG FNAME FOLDER (Tagging score: 0.03781)
   1    0.791468        close_folder( name=FNAME )
   2    0.15737012      close_message_window( message=current )
   3    0.025178693     close_folder( folder=current )
   4    0.006940578     close_window( window=current )
   5    0.004540644     close_application( application=mail )
3. CLOSE the FNAME (Tagging score: 0.00714398)
   1    0.84850997      close_folder( name=FNAME )
   2    0.1393669       close_object( object=current )
   3    0.0047025573    open_folder( name=FNAME )
   4    0.002893546     close_window( window=current )
   5    0.001893007     close_application( application=mail )
```

FIG. 2

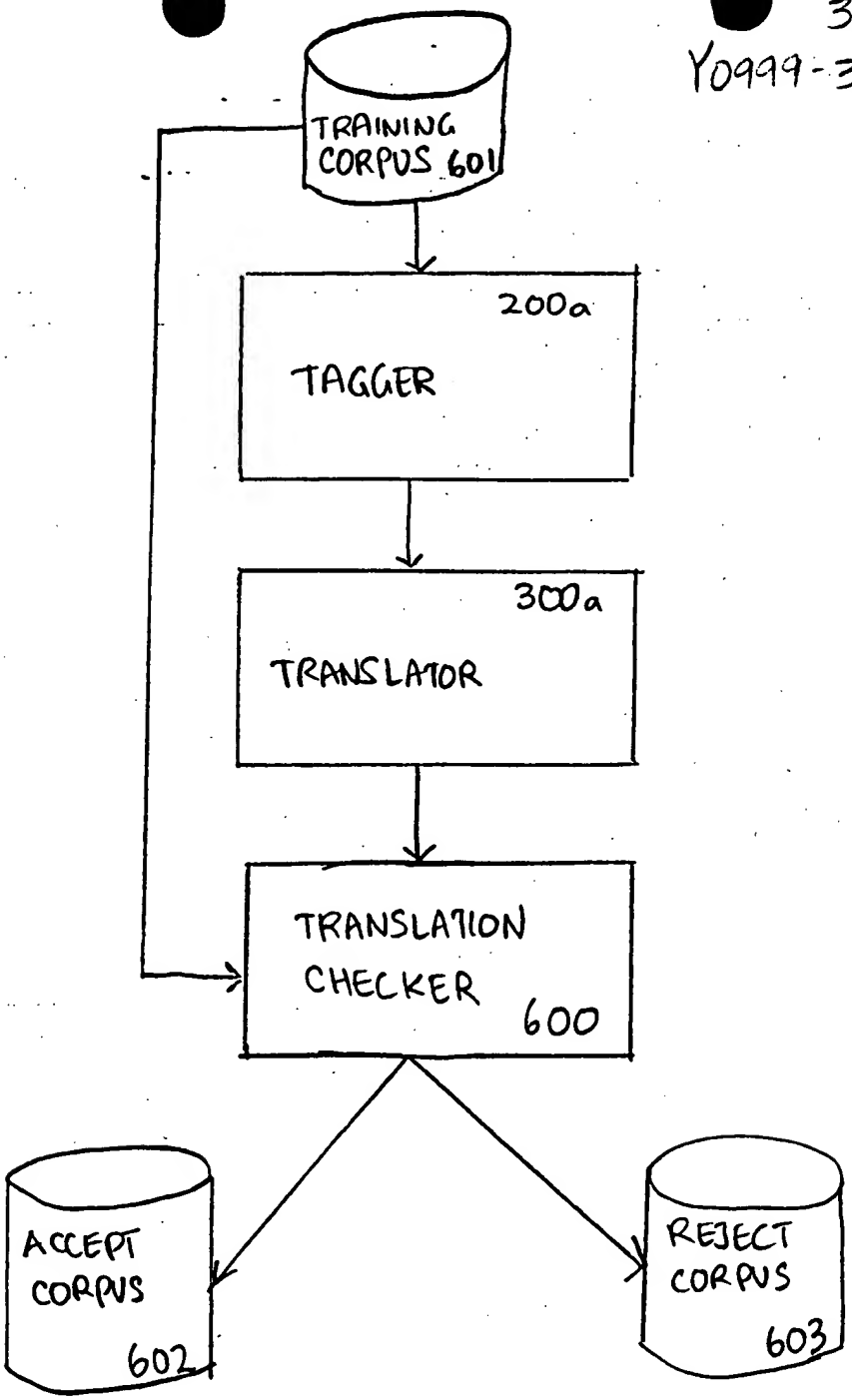
TRAINING CORPUS 601
200a
TAGGER
300a
TRANSLATOR
TRANSLATION CHECKER
600
ACCEPT CORPUS
602
REJECT CORPUS
603

FIG. 3

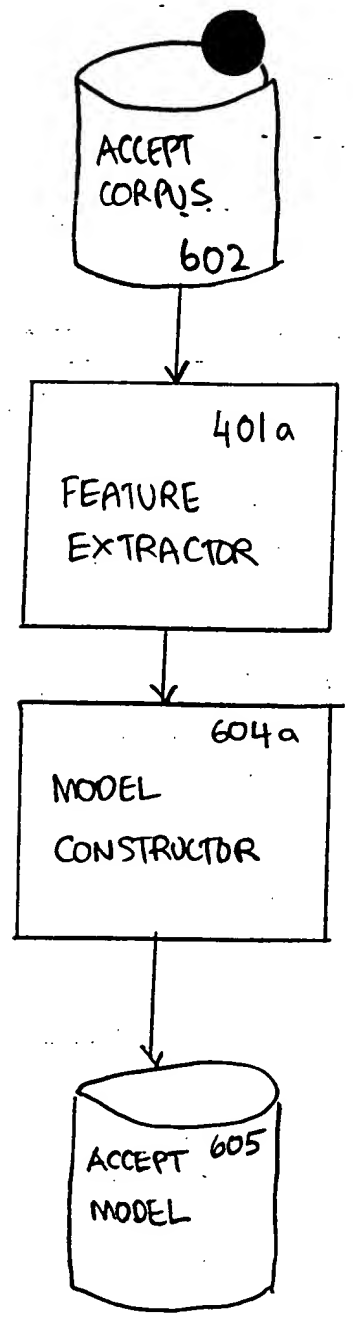
ACCEPT CORPUS
602
401a
FEATURE EXTRACTOR
604a
MODEL CONSTRUCTOR
ACCEPT MODEL
605

FIG. 4A

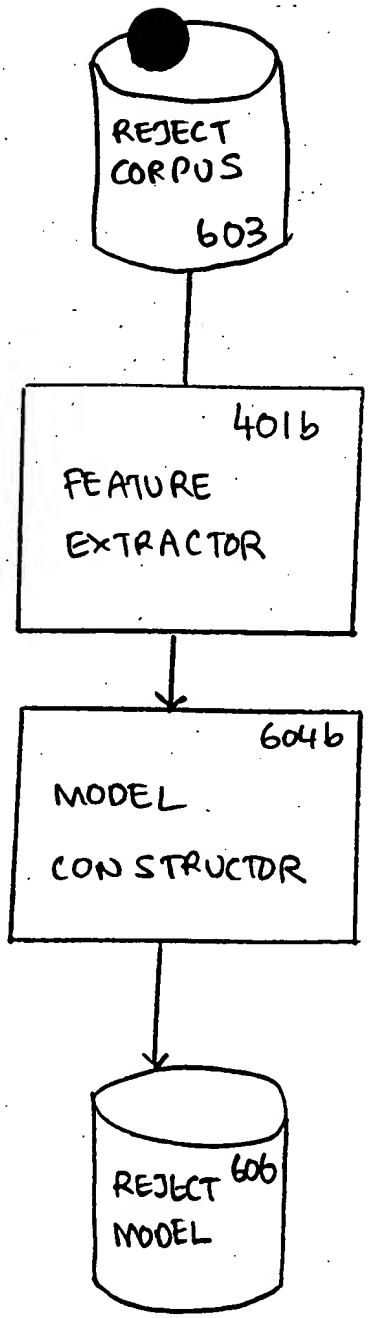
REJECT CORPUS
603
401b
FEATURE EXTRACTOR
604b
MODEL CONSTRUCTOR
REJECT MODEL
606

FIG. 4B

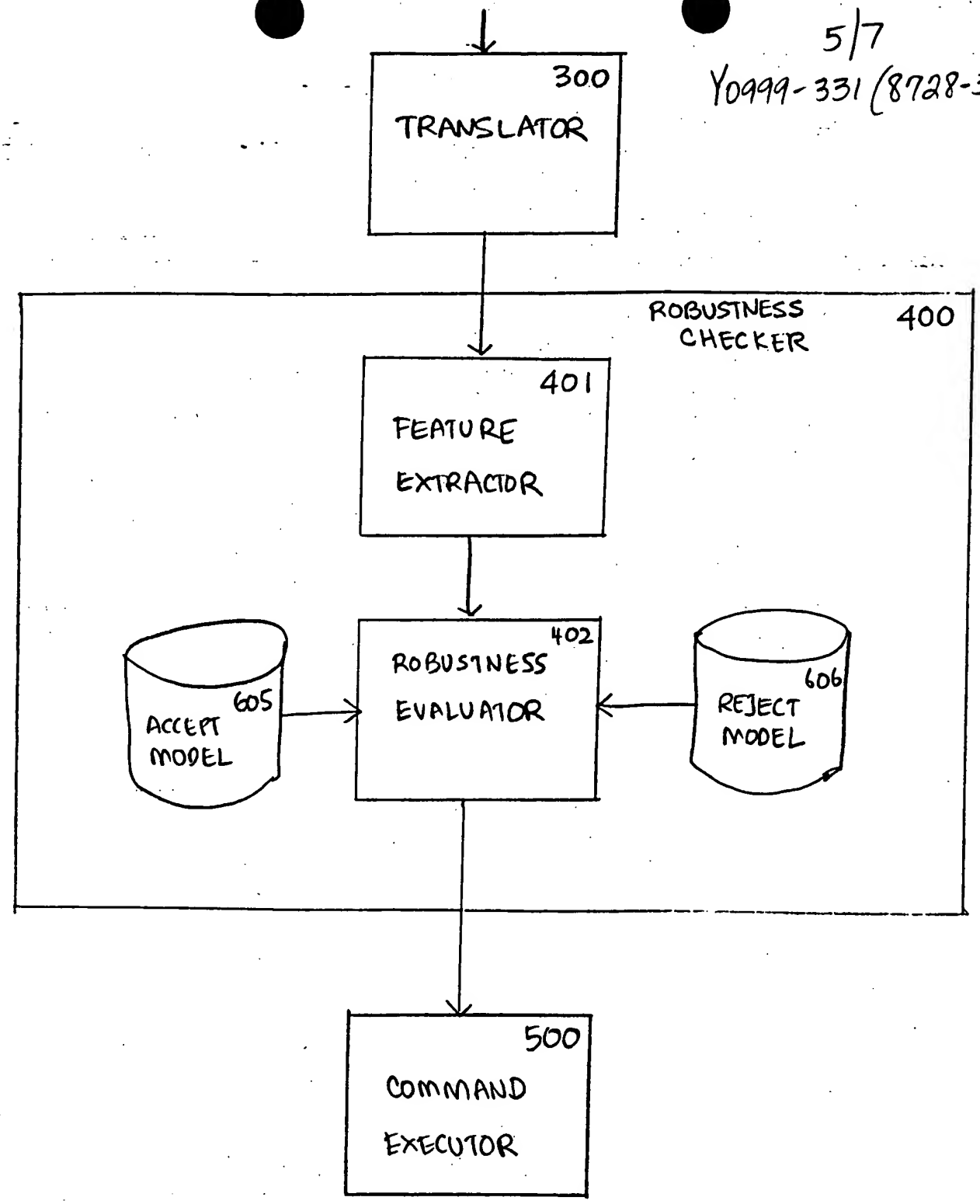
300
TRANSLATOR
ROBUSTNESS CHECKER
400
401
FEATURE EXTRACTOR
402
ROBUSTNESS EVALUATOR
605
ACCEPT MODEL
606
REJECT MODEL
500
COMMAND EXECUTOR

FIG. 5

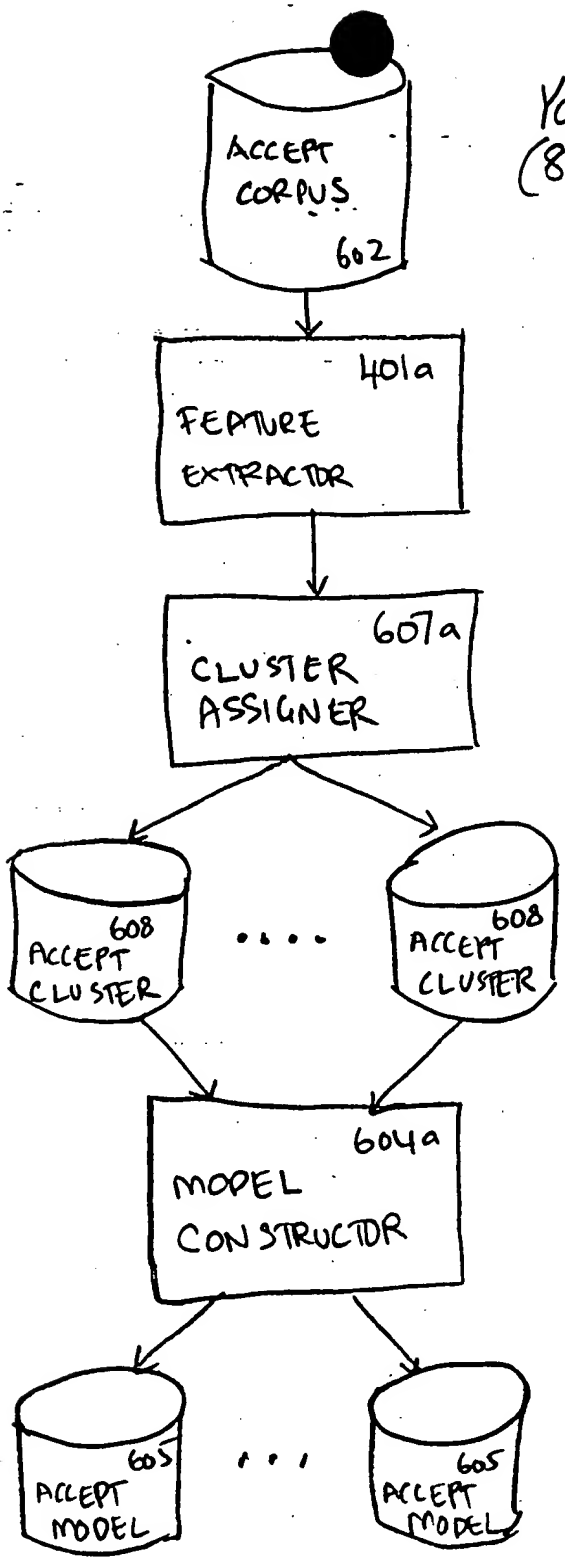
ACCEPT CORPUS
602
401a
FEATURE EXTRACTOR
607a
CLUSTER ASSIGNER
608
ACCEPT CLUSTER
608
ACCEPT CLUSTER
604a
MODEL CONSTRUCTOR
605
ACCEPT MODEL
605
ACCEPT MODEL

FIG. 6A

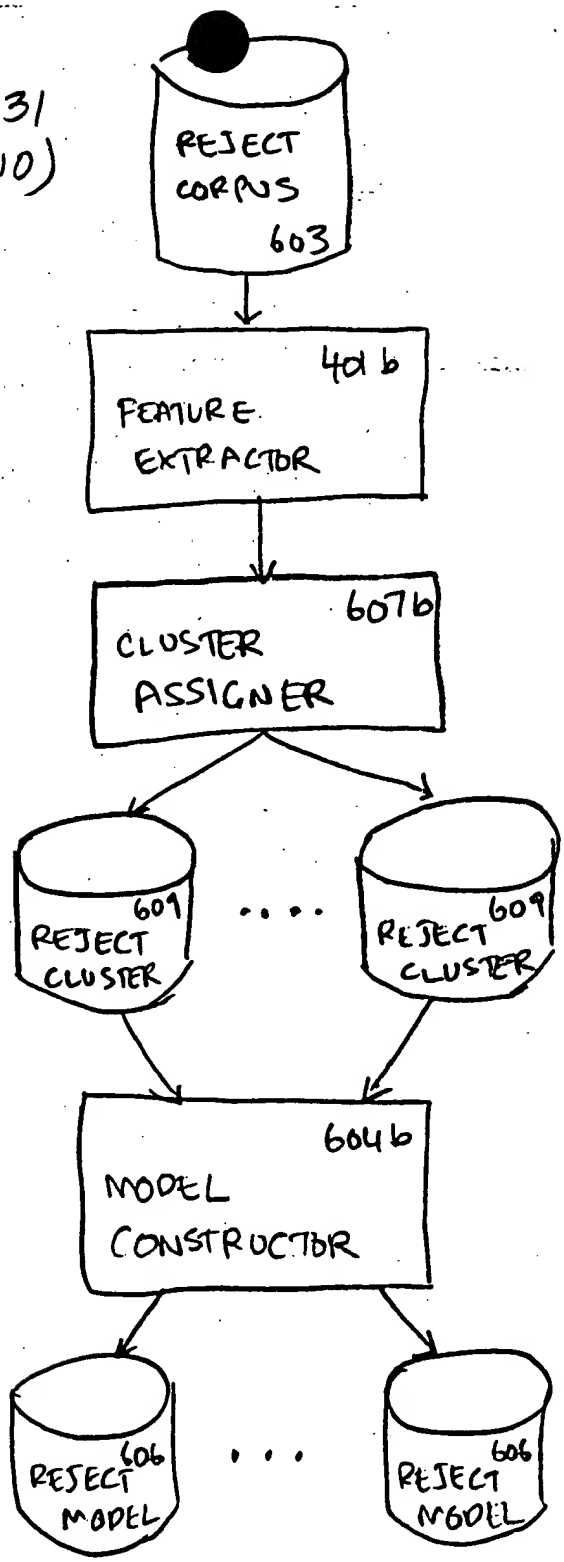
REJECT CORPUS
603
401b
FEATURE EXTRACTOR
607b
CLUSTER ASSIGNER
609
REJECT CLUSTER
609
REJECT CLUSTER
604b
MODEL CONSTRUCTOR
606
REJECT MODEL
606
REJECT MODEL

FIG. 6B

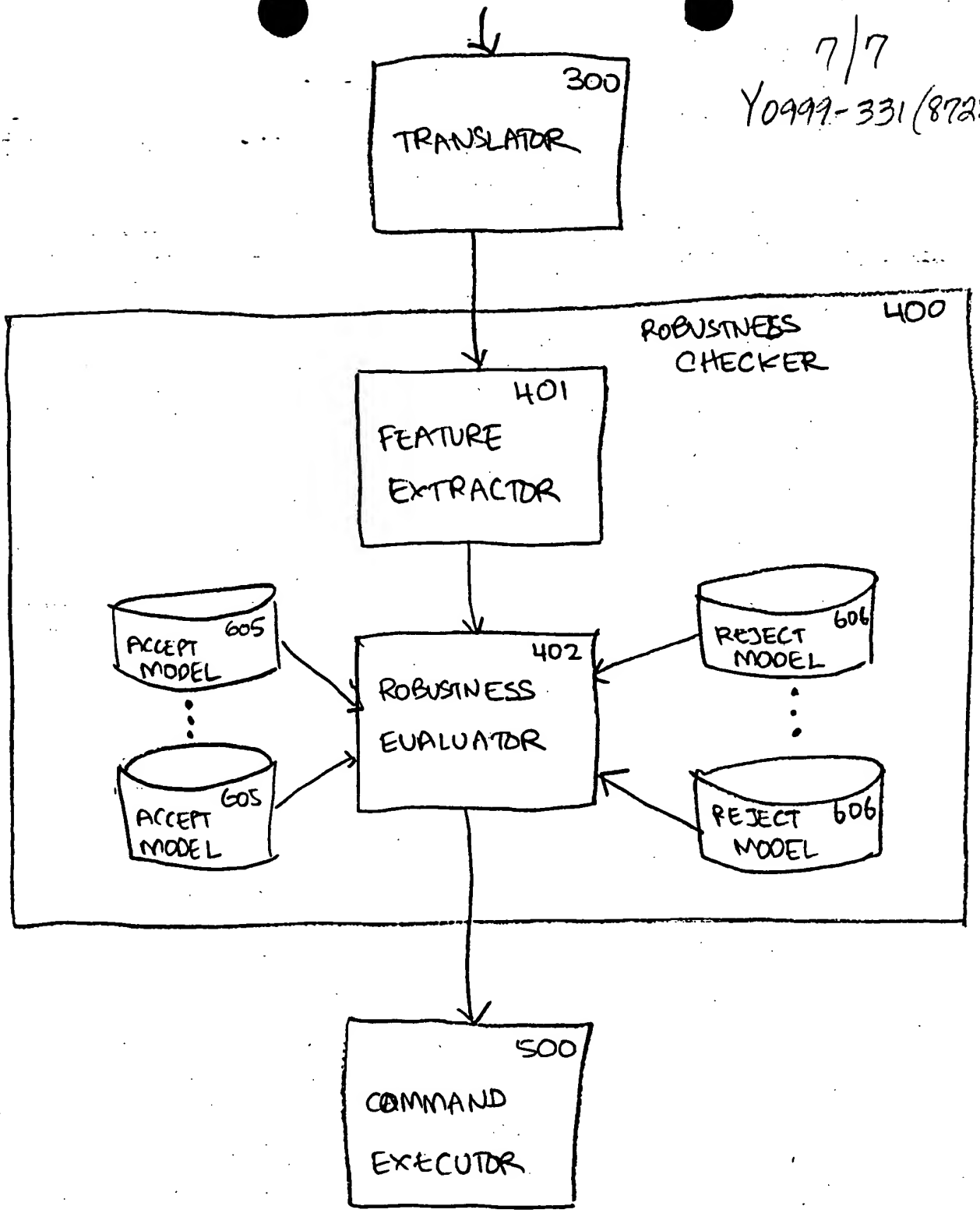
300
TRANSLATOR
400
ROBUSTNESS CHECKER
401
FEATURE EXTRACTOR
ACCEPT MODEL
605
ACCEPT MODEL
605
402
ROBUSTNESS EVALUATOR
REJECT MODEL
606
REJECT MODEL
606
500
COMMAND EXECUTOR

FIG. 7